**13EE22P9 CIRCUITS AND NETWORKS LAB**

 Credits: 2

 Lectures/Week: 3Hrs. Sessional Marks: 40

 Univ.Exam.Duration: 3Hrs Univ.Exam.Marks: 60

**LIST OF EXPERIMENTS**

1. Verification of Kirchhoff’s laws
2. Verification of Superposition Theorem
3. Verification of Reciprocity Theorem
4. Verification of Maximum Power Transfer Theorem
5. Determination of TWO-PORT Network Parameters
6. Measurement of Mutual Inductance
7. Locus Diagram of RC Series Circuit
8. Measurement of Power Using Wattmeter
9. Verification of Thevenin’s Theorem
10. Resonance in RLC Series Circuit
11. Measurement of Time Constant & Rise Time in a RC Series Circuit
12. Measurement of Power Using a) 3-Ammeter Method

 b) 3-Voltmeter Method